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Docket Nos. R 0164 (BOE 0176 PA - H 1221 PUS)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
A
11000 U.S. PTO
09/960013
09/21/01

APPLICATION TRANSMITTAL LETTER FOR
NONPROVISIONAL PATENT APPLICATION [Under 37 C.F.R. 1.53(b)]

Certification under 37 CFR 1.10 (if applicable)

US
EXPRESS MAIL mailing number

EL 852835807 US

September 21, 2001
Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Jo Anne Croskey
(Typed name of person mailing application)

Jo Anne Croskey
(Signature of person mailing application)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application, including 1 sheet(s) of drawings, of inventor(s):
Xiaojuen Yuan, Adrian Gilbert, Shih-Chang Wu, Christopher Whiteside, Walid Al-Bondak, Janaki R. Potukuchi

for: **SUBHARMONIC CARRIER-CANCELING BASEBAND/K UPCONVERTER SYSTEM**

The filing fee for this application is calculated below:

	NUMBER FILED	CLAIMS AS FILED			
		NUMBER EXTRA		RATE	
Basic Fee					\$710.00
Total Claims	14-20 =	0	x	\$ 18.00	\$
Independent Claims	4-3 =	1	x	\$ 80.00	\$ 80.00
Multiple Dependent Claims	0		+	\$270.00	\$ 0
Assignment Recordal Fee			+	\$ 40.00	\$ 0
TOTAL FILING FEE :					\$790.00

Enclosed is a check in the amount of **\$790.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, Deposit Account No. 50-0476 of Artz & Artz, P.C. of Southfield, Michigan:

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0476, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

This form is submitted in triplicate.

[Signature]
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